

# ULTRABIND™

The ideal versatile **DOUBLE-FAN ADHESIVE BINDING** machine for:

- *Library Binding*
- *Demand Binding*
- *Short-run Edition Binding*

The **ULTRABIND™** heralds a major technological breakthrough to increase productivity not only for the *library binders*, but also for *demand binders* and *edition binders* that must process short and ultra-short runs.

<ul style="list-style-type: none"> <li>• <b>Safe:</b></li> </ul>	<p>Numerous safety features are designed into the <b>ULTRABIND™</b> to meet the more stringent domestic and international safety requirements. Safety light curtains, electrically interlocked hoods and a fully paneled machine prevent the operator from reaching into any of the machine's moving parts and assure safety.</p>
<ul style="list-style-type: none"> <li>• <b>Versatile:</b></li> </ul>	<p>A semi automatic, self-adjusting machine for binding book blocks of different sizes, thickness and types of paper with no make-ready or set-up. It integrates the <i>spine milling</i>, <i>spine notching</i>, <i>double-fan gluing</i>, <i>notch filling</i>, and <i>back lining</i> operations.</p>
<ul style="list-style-type: none"> <li>• <b>Enhanced Quality:</b></li> </ul>	<p>When double-fan adhesive bindings are done by hand, extreme care and consistency is necessary to achieve quality bindings. Because a text-block is milled, notched, double-fan glued and lined in <b>four separate hand operations</b>, the durability of the end product is at risk even with a superior adhesive. Also at risk are the debilitating wrist injuries known as carpal tunnel syndrome often incurred by those who perform repetitive tasks with their hands.</p> <p>By integrating milling, notching, double-fan sanding, double-fan gluing, notch filling and back lining <b>all in one automatic</b> self-adjusting in-line machine, the <b>ULTRABIND™</b> has removed the risks from what was once a demanding and unforgiving process. In addition, the <b>ULTRABIND™</b> has provided the binder with new opportunities to enter the emerging lucrative market of <i>Demand Binding</i>.</p> <p>Most important, the <b>ULTRABIND™</b> will increase the quality of your product, especially when used with Mekatronics' <b>ULTRAFLEX™</b>, a specially formulated PVA adhesive with proven performance.</p>
<ul style="list-style-type: none"> <li>• <b>Simple &amp; Effortless:</b></li> </ul>	<p>With all operations being automatically performed, not only is the <i>skill of operation minimized</i>, but also eliminates the debilitating wrist injury often incurred in conventional methods by those who perform repetitive tasks with their hands. <i>Safety is enhanced, fatigue is reduced, and productivity is improved.</i> An eye-level operator interface control panel is located within easy reach of the operator.</p>
<ul style="list-style-type: none"> <li>• <b>Heavy Duty &amp; Reliable:</b></li> </ul>	<p>The <b>ULTRABIND™</b> is ruggedly designed and built for heavy industrial use and trouble-free maintenance to give many years of reliable service. An Industrial Programmable Controller (IPC) controls the machine with diagnostics for ease of troubleshooting.</p>



### Technical Data

Range	Minimum	Maximum
<b>Height</b>	5" [130 mm]	15-1/2" [390 mm]
<b>Width</b>	5" [130 mm]	14" [355 mm]
<b>Bulk:</b>	3/8" [9.5 mm]	2-1/4" [57 mm]
<b>Power</b>	10KVA, 220, VAC, 3 Ph, 60 Hz	
<b>Air</b>	3 cfm [75 lpm], 95 psi [6.5 bars]	
<b>Floor Space</b>	164" x 80" x 56" [417 x 203 x 142 mm]	
<b>Weight</b>	Approx. 5000 lbs. [2300Kg]	

Note: Technical data subject to change.

**MEKATRONICS, INC./BENDROR INTERNATIONAL, LTD.**

85 Channel Drive, Port Washington, NY 11050 • Telephone: (516) 883-6805 • FAX: (516) 883-6948